Form 1449*			Atty. Docket No.: 1528.005US1		Serial No. Unknown	
		Applicant: Michael E. Childs et al.				
INFORMA	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			ius ct ai.	T	
(Us	(Use several sheets if necessary)		Filing Date: Herewith		Group	Unknow
						-86 E
		1	J.S. PATENT DOCUMENTS	!		
**Examiner	Ocument Number	Date	Name	Class	Subclass	Filing Date  If Appropriate
Initial I	ocument Number	Date	<b>МОШВ</b>	Class	30001488	II Appropriate
D <sub>n</sub> ,		/ /	militaria di abiat	505	101	00/01/07
A '	5,995,970 5,317,684	11/30/1999 11/13/2001	Robinson, S., et al Roeseler, A., et al		101 202	08/01/97 12/22/99
	5,317,684 5,317,687	11/13/2001	Morimoto, K., et al		211	10/05/92
	5,321,158	11/20/2001	DeLorme, D.M., et a		201	08/31/98
	3,321,230	11, 20, 2001	20202			00,02,00
**Examiner	FOREIGN PATENT DOCUMENTS **Braminer Translation					
	Ocument Number	Date	Country	Class	Subclass	Yes No
	OTHER DOCUMENTS					
**Examiner Initial		(Including	Author, Title, Date, Pertinent Pa	ges, Etc.)		
Ð		"An optimal pathfinder for vehicles in real-world digital terrain maps", http://www.nease.net/jamsoft/shortestpath/pathfinder/4.html, 11 pages, (1999)				
bh	"Informed Search Methods", <u>Artificial Intelliqence, A Modern Approach</u> , Prentice Hall, Inc., pp. 92-115, (1995)					
	"Real-Time Vehicle Routing in Dynamic and Stochastic Urban Traffic Networks", http://www.gpu.srv.ualberta.ca/lfu/research.htm, pp. 1-3, (1997)					
h	Ahuja, R., et al., "Faster Algorithms for the Shortest Path Problem", <u>Journal</u> of the Association for Computing Machinery, 37(2), pp. 213-223, (1990)					
a_	Cung, V., et al., "An Efficient Implementation of Parallel A *", <u>CFPAR</u> , Montreal, Canada, pp. 153-167, (1994)					
R	Fredman, M., et al., "Fibonacci heaps and their uses in improved network optimization algorithms", <u>Journal of the ACM, 34(3)</u> , 2 pages, (1987)					
R	Fu, L., "Heuristic Shortest Path Algorithms and their Potential IVHS Applications", <u>Proceedings of the Fourth University of Alberta - University of Calgary</u> , <u>Joint Graduate Student Symposium in Transportation Engineering</u> , pp. 83-109, (1995)					
h	Ikeda, T., et al., "A Fast Algorithm for Finding Better Routes by AI Search Techniques", Vehicle Navigation and Information Systems Conference Proceedings, pp. 291-296, (1994)					
h	Kaindl, H., et al., "Memory-Bounded Bidirectional Search", <u>Proceedings of the 12th National Conference on Art</u> , AAAI Press, Seattle, WA, pp. 1359-1364, (1994)					

Examiner	D	ate Considered

\*Substitute Disclosure Statement Form (PTO-1449)

<sup>\*\*</sup>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sh	eet	2	of	2

		Officer 2 of 2	
Form 1449*	Atty. Docket No.: 1528.005US1	Serial No. Unknown	
INFORMATION DISCLOSURE STATEMENT	Applicant: Michael E. Childs et al.		
BY APPLICANT (Use several sheets if necessary)	Filing Date: Herewith	Group: Unknown	

## OTHER DOCUMENTS

\*\*Examiner Initial (Including Author, Title, Date, Pertinent Pages, Etc.)

Q	Laporte, G., "The Vehicle Routing Problem: An overview of exact and approximate algorithms", <u>European Journal of Operational Research, 59</u> , pp. 345-358, (1992)
0	Myers, B., "Data Structures for Best-First Search", http://www4.ncsu.edu/jbmyers/dsai.htm, pp. 1-6, (1997)
Q	Ronngren, R., et al., "Parallel and Sequential Priority Queue Algorithms", <u>ACM Transactions on Modeling and Computer Simulation, 7(2)</u> , pp. 168-172,198,199, (1997)
Rù	Stout, B., "Smart Moves: Intelligent Pathfinding", <u>Gamasutra</u> , http://www.gamasutra.com/features/programming/080197/pathfinding.htm, pp. 1-11, (1997)
· R.	Wai, L., et al., "Comparative Study of Shortest Path Algorithm for Transport Network", <u>USRP Report 2</u> , http://www.comp.nus.edu.sg/leonghoe/USRPreport-txt.html, pp. 1-10, (1999)
R~	Zhan, F.B., "Three Fastest Shortest Path Algorithms on Real Road Networks: Data Structures and Procedures", <u>Journal of Geographic Information and Decision Analysis, 1(1)</u> , http://www.geog.uwo.ca/gimda/journal/vol1.1/Zhan/Zhan.htm, 11 pages, (1997)
P	Zhao, Y., et al., "An Adaptive Route-Guidance Algorithm for Intelligent Vehicle Highway Systems", <u>American Control Conference, Boston, MA</u> , Department of Electrical Engineering and Computer Science, The University of Michigan, pp. 2568-2573, (1991)

Examiner	en Marlo	Date Considered 9-3-03	
*Substitute Disclosure Sta	tement Form (PTO-1449)		

<sup>\*\*</sup>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.